

Yard Waste 101

Conserving a Natural Resource

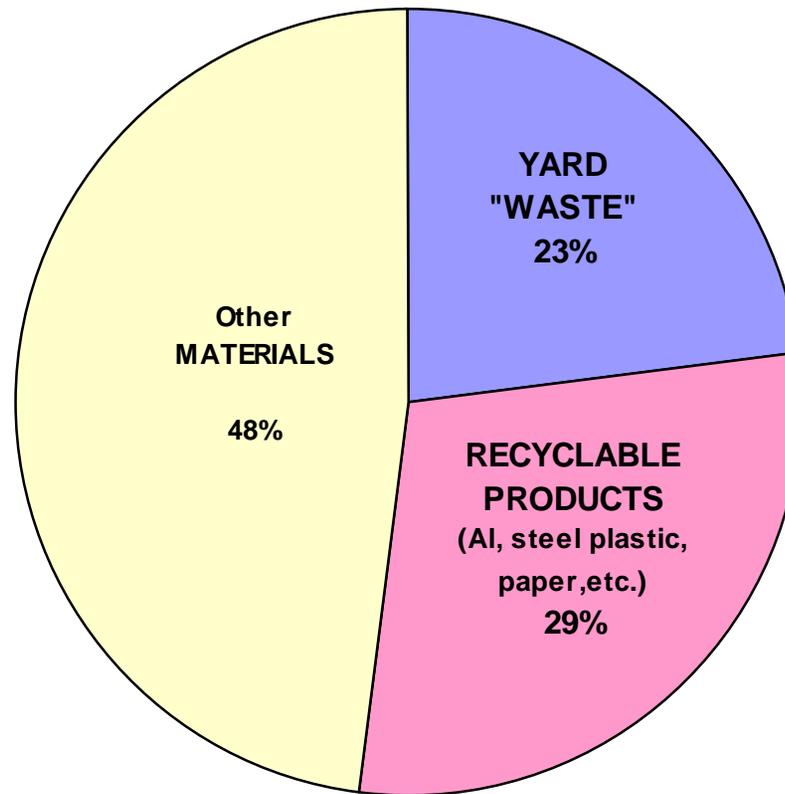


What is Yard Waste?

Plant material resulting from lawn maintenance and other horticultural gardening and landscaping activities and includes:

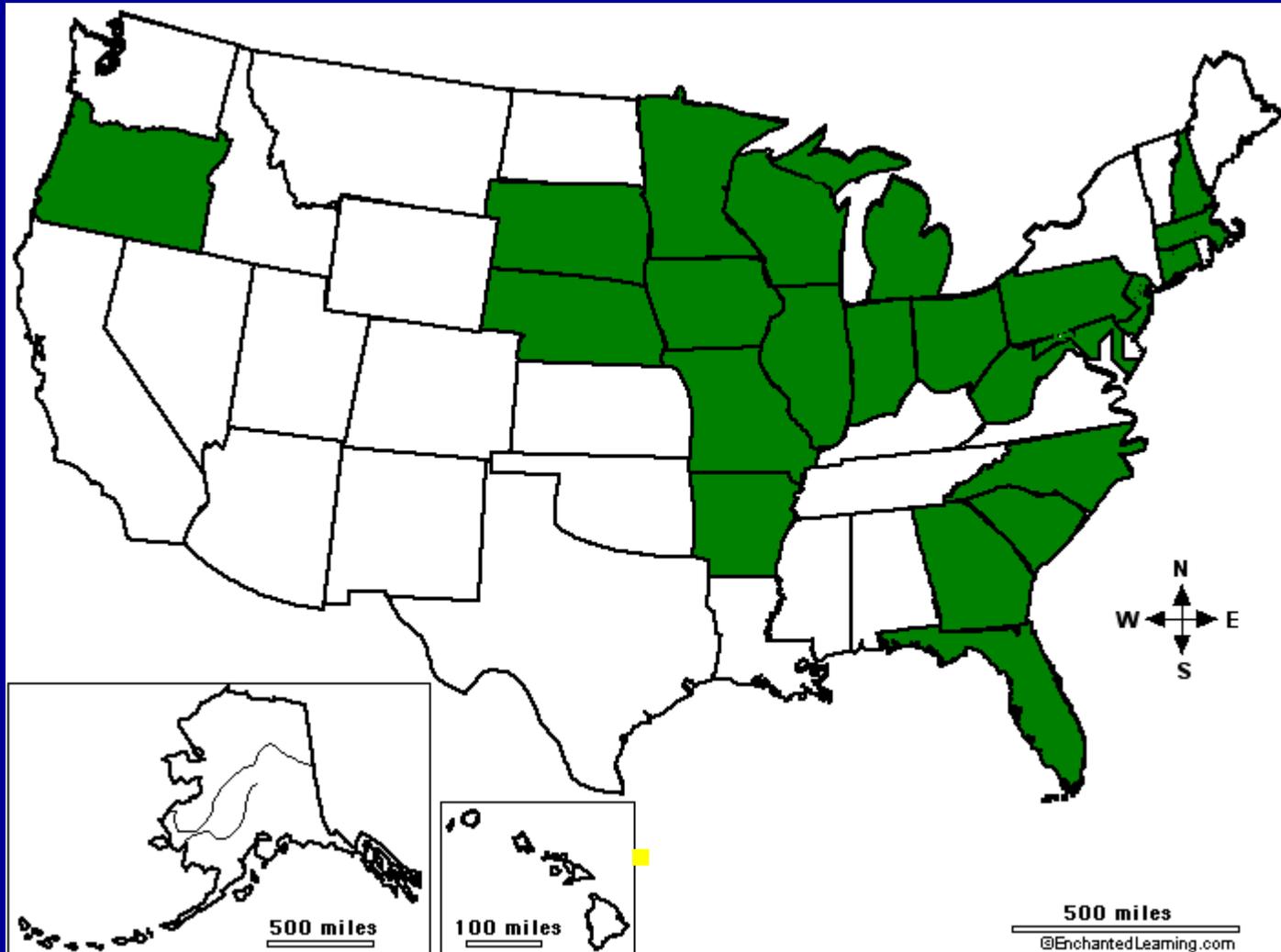
- Grass
- Leaves
- Pruning
- Brush
- Shrubs
- Garden Material
- Christmas Trees
- Tree limbs up to 4 inches in diameter.

Yard Waste is Nearly ¼ of the Residential Waste in Delaware



Source: DSM Environmental Services, Inc., 2004

23 States Have Restrictions on Yard Waste Disposal Including all 3 of Our Neighboring States-NJ, PA, and MD



Source: DSM Environmental Services, Inc., 2004

Benefits of Keeping Yard Waste Out of the Landfills

- Extended landfill life
- Reduction in greenhouse gas emissions
- Increased local production of mulch and compost
 - Mulch can be used as weed suppression, decorative bed covering, and more
 - Compost aids moisture retention, reduces the need for fertilizer and pesticides, adds nutrients, and creates a healthier soil



Delaware Municipalities that Currently Have Yard Waste Management Programs

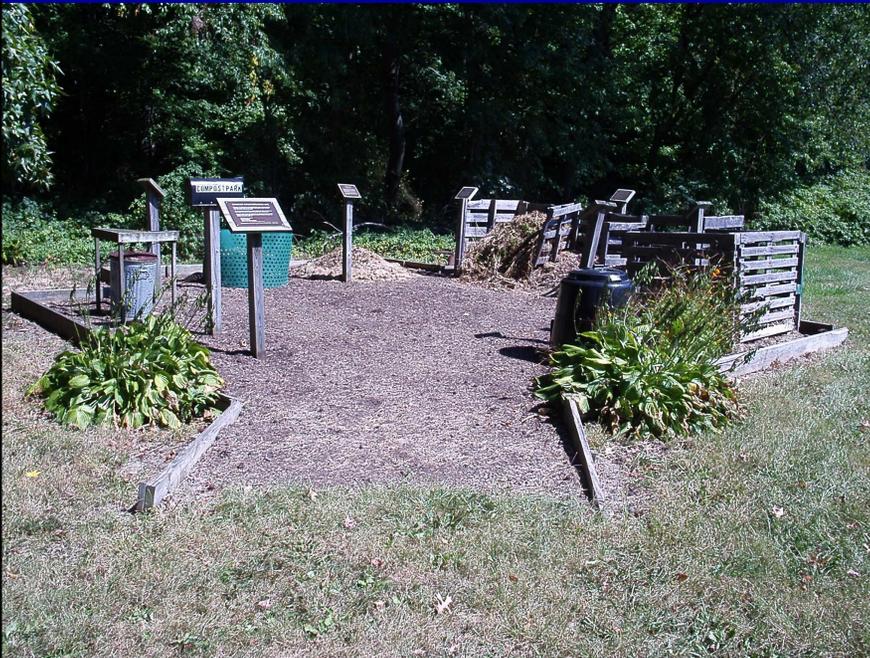
- Delaware City
- Dover
- Georgetown
- Newark
- New Castle
- Newport
- Rehoboth
- Seaford
- Wilmington



And compost demonstration sites in:
Ardentown, Felton, Laurel, Wilmington

General Options For Managing Yard Waste

1. Handle it yourself
2. Arrange for someone else to handle it
3. Develop a community yard waste option



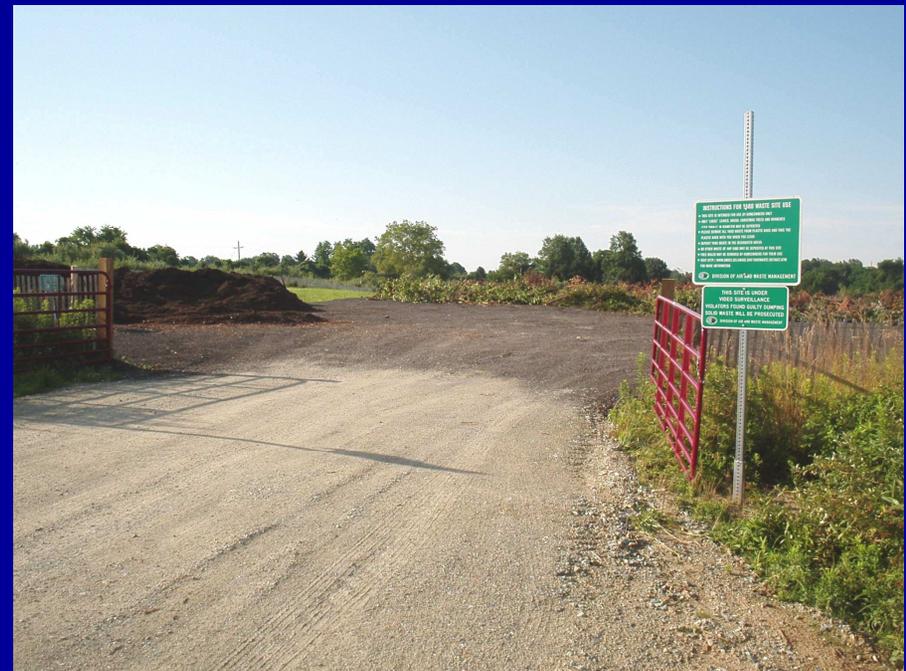
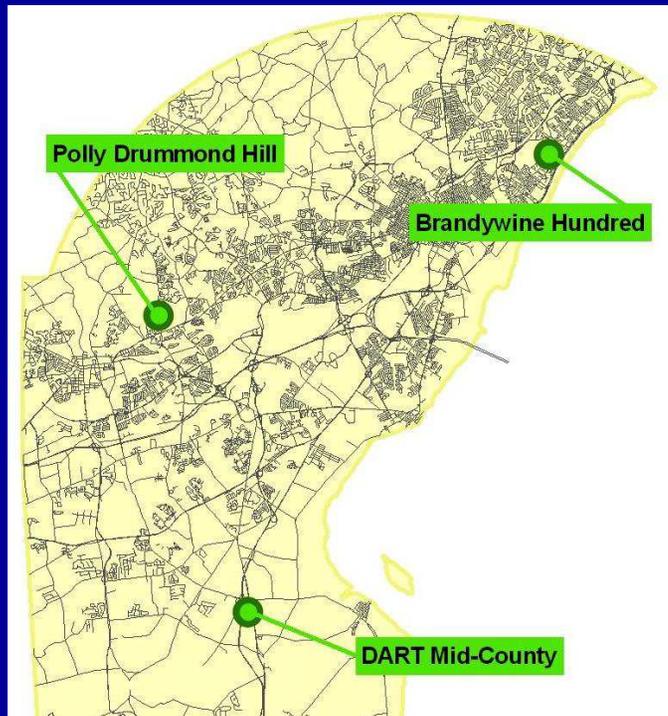
Option 1a: Handle it Yourself

- Compost or mulch on your property
 - Includes grasscycling or using a mulching lawnmower
 - Learn more at www.dnrec.delaware.gov



Option 1b: Handle it Yourself

- Take it to a commercial or community yard waste drop-off/mulch pick-up site
 - DNREC has 3 community demonstration sites



Option 1c: Handle it Yourself

- Commercial Yard Waste Sites
 - Copeland's Mulch Depot 633-9536
 - DSWA/Cherry Island Landfill 800-404-7080
 - First State Green Recycling 757-5091
 - Gallo Mulch & Tree Service 325-2257
 - Blessings Greenhouses 302-393-3273
- Contact DNREC for updated information
 - www.dnrec.delaware.gov or 302-739-9403

Option 2a: Have Someone Else Handle it

- Contact a local recycler
- Contact DSWA: 800-404-7080
 - They have a new separate yard waste collection program (“buck-a-bag”)
- Contact a landscaping/lawn service (e.g. Arriola Landscaping 353-9668)



Option 2b: Have Someone Else Handle it

- Contact trash companies (a.k.a. “haulers”) for their service options
- Some of the waste haulers in the area are listed here →



ALLIED WASTE	302-658-4097
B & B CONTAINER SERVICE	302-376-5654
BANDURSKI, INC.	302-655-5520
BANTA'S BESTWAY TRASH REM.	302-798-9711
DELAWARE SANITATION, INC.	302-322-7714
ECONO-HAUL, INC.	302-366-7630
HOCKESSIN SANITATION	302-239-5744
HOUSE SERVICE, INC.	302-475-6401
INDEPENDENT DISPOSAL SERV.	302-378-5400
J & M OF DE, INC.	302-656-3832
JOHN CALDWELL'S REFUSE	302-658-0278
KRC WASTE MGMT., INC.	302-999-9276
LAXTON ENTERPRISES, INC	302-798-7733
MICHAEL LEACH, INC.	302-737-4090

Option 2b: Have Someone Else Handle it

- Contact trash companies (a.k.a. “haulers”) for their service options
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Continued:

MICUCIO BROTHERS, INC.	303-737-1977
O'FIG SANITATION	302-998-0514
OGBORNE HAULING	302-798-8311
PALMATARY'S SANITATION	302-652-2270
RANDOLPH'S REFUSE SERVICE	302-658-5674
RBS ENTERPRISES, INC.	800-727-4552
RED DISPOSAL, LLC	302-656-7091
SERVICE DISPOSAL OF DE	302-326-9155
TRI-STATE WASTE SOLUTIONS	302-622-8600
WASTE MANAGEMENT	800-345-7932
CITY OF WILMINGTON	302-576-3879
CITY OF NEWARK	302-366-7045
CITY OF NEW CASTLE	302-322-9801
TOWN OF NEWPORT	302-994-6403

Option 3a: Community Solutions

- Coordinate a community wide collection of yard waste
 - Contact a recycler, trash hauler, landscaper, lawn service company, or other business about community wide yard waste collection
 - Get cheaper rates per household
 - Determine your own community's preferences (e.g. curbside leaf pile pickup like Newark & Rehoboth
 - More desirable scheduling
 - Less traffic



Option 3b: Community Solutions

- Implement a combination of individual efforts (e.g. educational workshops) and hired help
- Organize a community yard waste management site
 - Convenient location to drop off yard wastes
 - Make compost/mulch for the community
 - Minimal management can be contracted out
 - Some funding is possible through DNREC's Recycling Assistance Grants Program

Enforcement and Illegal Dumping

- Emphasis on education
- Enforcement defined by stakeholders.
- Illegal Dumping not allowed – Call DNREC 24/7 at 1-800-662-8802 to report dumping.

How much will it cost?

Cost varies depending on circumstances:

- Backyard composting is FREE & reduces garden fertilizer expenses
- Community mulching can be low cost and offers free mulch to residents*
- Hauling costs: Last year's estimates were between \$3 to \$7 per month.
- DSWA offers yard waste collection for \$1 per bag.

* The DNREC drop-off sites are currently supported by DNREC penalty funds. Future recycling support is dependant on enactment of a bill providing recycling funding. Grant funding could support such projects as distribution of compost bins and educational outreach programs.

For more Information

1. Call **DSWA** at 800-404-7080 or visit website at www.dswa.com
2. Call **DNREC** at 302-739-9403 or visit website at: www.dnrec.delaware.gov
3. Call **U of D Extension Service** at 302-831-2667 or visit their website at www.ag.udel.edu/extension for information about composting at home.

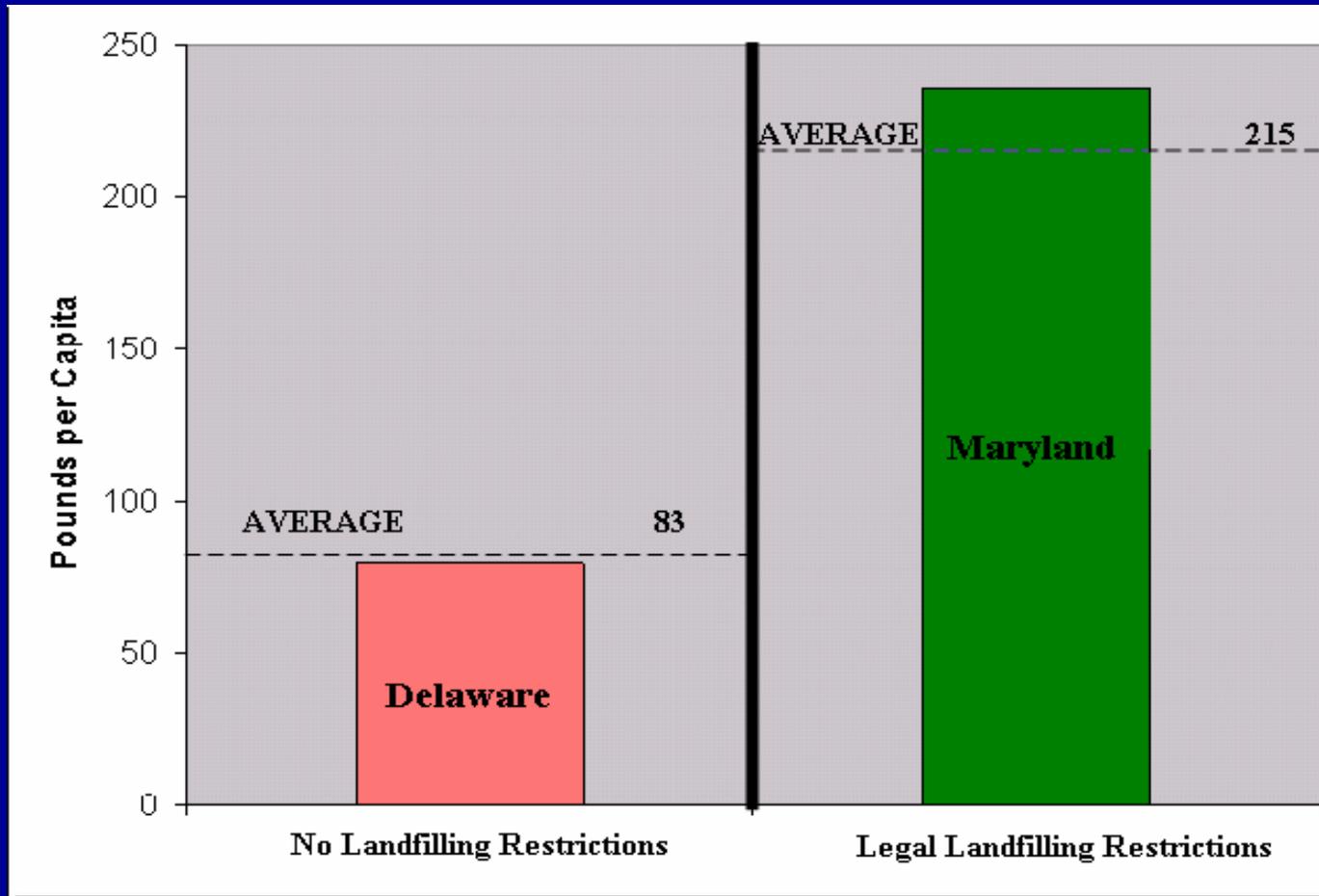
October 9, 2007

Attachments

Yard Waste Committee Consensus

- Yard Waste is a valuable resource
- A yard waste ban requires only modest changes by homeowners & business.
- No significant changes to collection systems are expected to be required.
- More than sufficient markets exist for High-quality Compost.
- An effective public education campaign should be implemented.
- Enforcement should be a tool of last resort; emphasis on education.
- Conclusion: The Committee supports the enactment of a yard waste ban in the State of Delaware.

Yard Waste Restrictions Are Effective



Source: DSM Environmental Services, Inc., 2004

CIL Permit Bans Yard Waste

“Yard Waste Diversion: DSWA shall ban disposal of all yard waste from the NSWMC-2 effective no later than January 1, 2007. The NSWMC-2 yard waste ban shall be advertised in a manner to effectively educate the public and waste haulers...” *

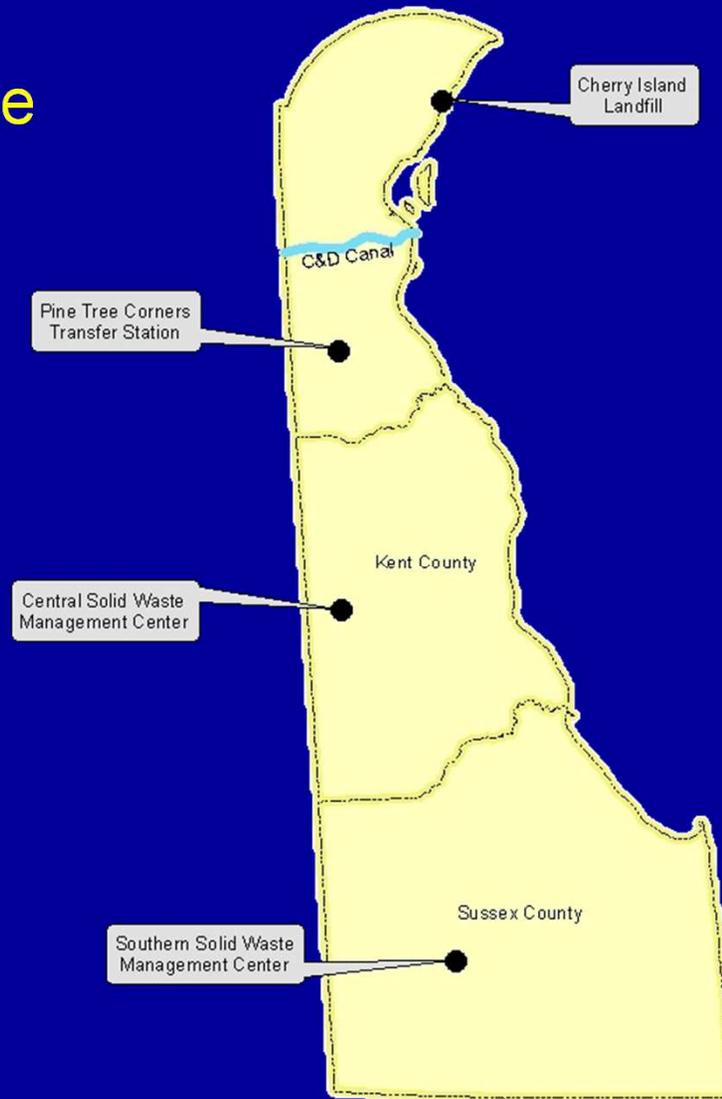
Senate Joint Resolution No. 2 delayed implementation of the yard waste ban until January 24, 2008.

*

Section, 6.b of DNREC Permit to DSWA for CIL Expansion, January 6, 2006

Who is Affected by the Ban?

- Anyone taking waste to the **Cherry Island Landfill**



Fee based Drop-Off Facilities for Yard Waste

- First State Green Recycling, 5 Christiana Avenue, near the port of Wilmington call 302-757-5091 or visit www.fsgrecycling.com \$25 per pickup truck load or \$33.50/ton.
- DSWA's Cherry Island Landfill, Wilmington, call 1-800-404-7080 or visit www.dswa.com \$61.50/ton.
- Robert Gallo Mulch & Tree Service, Inc., 74 Christiana Road, New Castle, DE 19720. Phone: (302)325-2257 or 800-BY-MULCH
- Copeland's Mulch Depot, Routes 4 and 7, Stanton, DE 19804. Phone: 302-633-9537 or visit www.copelandsmulchdepot.com

How should the yard waste be prepared for pick up?

- Yard waste/hauler collector will establish requirements for collection.
- Details (e.g., collection method & frequency) are business decisions made by each hauler & landscaping company.
- Typically - branches cut to 4 feet in length or less, and leaves bagged or put at curb on assigned dates.

How is Yard Waste *Processed*?

- Mulch: After curing and/or grinding, material is “screened” and used decoratively.
- Compost: Higher value-added product that is blended with the soil to add organic matter, nutrients, and aids in moisture retention.

DNREC has prepared guidelines for operation of composting sites.

